BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatararayanapura in Ward No.07, Byatarayanapura

Agency:Abhijit A, No.09, Gurushree nilaya, 5th cross, 80feet Road, Padmanabhanagara, Bangalore-560 070

Measurements Taken On :

MEASUREMENT SHEET - 2nd and Final Bill

Chainage		Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
From	To								
Item no.01		Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification and as per the direction of Engineer in charge of the work.							
		Qty Recorded in first Bill (Pg No.					Cum	1746.50	
		Total Executed Qty						1746.50	
		Modified Tender Qty						1746.50	
		DPQ Paid in 1st Bill No.One Pg. No.						1746.50	
		Present Bill Quantity						Nil	

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Assistant Executive Engineer
Kengeri Sub Division
Bruhat Bangalore Mahanagara Palike

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.02		**Earthwork in surface excavation in ordinary soil for Leveling and lowering the ground manually (other than foundation of buildings, culverts, road, drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 2m and lift upto 1.5m. excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per Specifications.and as per the direction of Engineer in charge of the work.**							
		Qty Recorded in first Bill (Pg No.					**Cum**	**431.91**	
		Present Executed							
		hucchappa house Right side							
0	15		cum	1	15.00	0.90	0.95	12.83	
15	27		cum	1	12.00	0.90	0.95	10.26	
		mallappa house Right side							
0	15		cum	1	15.00	0.90	0.95	12.83	
15	30		cum	1	15.00	0.90	0.95	12.83	
30	42.6		cum	1	12.60	0.90	0.95	10.77	
		Muneswara nilaya Right side							
0	15		cum	1	15.00	0.90	0.95	12.83	
15	30		cum	1	15.00	0.90	0.95	12.83	
30	47		cum	1	17.00	0.90	0.95	14.54	
		Siddappa house fornt side							
0	15		cum	1	15.00	0.90	0.95	12.83	
15	30		cum	1	15.00	0.90	0.95	12.83	
30	47		cum	1	17.00	0.90	0.95	14.54	
		Opposite to Chairman house							
0	15		Cum	1	15.00	0.90	0.95	12.83	
15	30		Cum	1	15.00	0.90	0.95	12.83	
30	50		Cum	1	20.00	0.90	0.95	17.10	

182.68

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Bruhat Bangalore Mahanagara Palike

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Near Amruthalli Water tank							
0	15		Cum	1	15.00	1.10	1.15	18.98	
15	30		Cum	1	15.00	1.10	1.15	18.98	
30	49.5		Cum	1	19.50	1.10	1.15	24.67	
		Lakshmi Narayan Temple Road Opposite 3rd Cross							
0	15		Cum	1	15.00	0.90	0.95	12.83	
15	27		Cum	1	12.00	0.90	0.95	10.26	
		Culvert							
			Cum	1	5.00	1.20	1.15	6.90	
		Hoysala apartment							
0	30		Cum	1	30.00	2.00	1.30	78.00	
30	60		Cum	1	30.00	2.00	1.30	78.00	
60	90		Cum	1	30.00	2.00	1.30	78.00	
90	110		Cum	1	20.00	2.00	1.30	52.00	
		Total Executed Qty						**993.14**	
		Modified Tender Qty						**993.14**	
		DPQ Paid in 1st Bill No.One Pg. No.						**431.91**	
		Present Bill Quantity						**561.23**	

378.62

25/3/15

NDP
DE (WT)
25/3

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Assistant Executive Engineer
Rudigaon Road Division
Bruhat Bangalore Mahanagara Palike

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.3		Removing & Refixing stone slabs and drains and Pointing in and as per the direction of Engineer in charge of the work.							
		Qty Recorded in first Bill (Pg No.							
		Drain							
		4th cross (Shabari nagar)							
		Left Side							
12	15		Sqm	1	3.00	1.35		4.05	
15	30		Sqm	1	15.00	1.35		20.25	
30	45		Sqm	1	15.00	1.35		20.25	
45	60		Sqm	1	15.00	1.35		20.25	
75	90		Sqm	1	15.00	1.35		20.25	
90	105		Sqm	1	15.00	1.35		20.25	
107	120		Sqm	1	13.00	1.35		17.55	
121	135		Sqm	1	14.10	1.35		19.04	
138	149		Sqm	1	11.00	1.35		14.85	
150	162		Sqm	1	12.00	1.35		16.20	
		Right Side							
0	15		Sqm	1	15.00	1.35		20.25	
15	30		Sqm	1	15.00	1.35		20.25	
30.9	45		Sqm	1	14.10	1.35		19.04	
48	60		Sqm	1	12.00	1.35		16.20	
90	105		Sqm	1	15.00	1.35		20.25	
105	120		Sqm	1	15.00	1.35		20.25	
120	135		Sqm	1	15.00	1.35		20.25	
135	150		Sqm	1	15.00	1.35		20.25	
150	162		Sqm	1	12.00	1.35		16.20	
		5th cross (Shabari nagar)							
		Right Side							
0	15		Sqm	1	15.00	1.35		20.25	
15	30		Sqm	1	15.00	1.35		20.25	
30	45		Sqm	1	15.00	1.35		20.25	
46.5	60		Sqm	1	13.50	1.35		18.23	
90	105		Sqm	1	15.00	1.35		20.25	
105	120		Sqm	1	15.00	1.35		20.25	
120	135		Sqm	1	15.00	1.35		20.25	
135	150		Sqm	1	15.00	1.35		20.25	
150	163		Sqm	1	13.30	1.35		17.96	

523.82

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

AssistantEngineer

Assistant Executive Engineer

Assistant Executive Engineer Kodigehalli Sub Division

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Valmiki nagar							
		Left Side							
0	30		Sqm	1	30.00	1.35		40.50	
30	65		Sqm	1	35.00	1.35		47.25	
79	107		Sqm	1	28.00	1.35		37.80	
		Right side							
0	30		Sqm	1	30.00	1.35		40.50	
30	65		Sqm	1	35.00	1.35		47.25	
90	107		Sqm	1	17.00	1.35		22.95	
		Total Executed Qty						**760.05**	
		Modified Tender Qty						**623.70**	
		Modified Tender Qty Above 125%						**136.35**	
		DPQ Paid in 1st Bill No.One Pg. No.						**498.96**	
		Reserved Qty to be Release						**136.35**	
		Present Bill Quantity						**Nil**	
		Now To be paid Qty						**136.35**	NDD DE(LA) 1/4

236.25

CEPH 1/4/25

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer N.D DE(LA) Assistant Executive Engineer Assistant Executive Engineer Kodigehalli Sub Division Pruhat Bangalore Mahanagara Palike

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.4		**Providing granite 7.5cms thick slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc., and as per the direction of Engineer in charge of the work.**							
		Qty Recorded in first Bill (Pg No.					**Sqm**	**316.85**	
		Yogeshwara nagar							
		4th cross							
		Left Side							
0	15		Sqm	1	15.00	1.35		20.25	
15	24		Sqm	1	9.00	1.35		12.15	
		Right Side							
0	15		Sqm	1	15.00	1.35		20.25	
15	24		Sqm	1	9.00	1.35		12.15	
		2nd cross							
		Left Side							
0	15		Sqm	1	15.00	1.35		20.25	
15	23		Sqm	1	8.00	1.35		10.80	
		Right Side							
0	15		Sqm	1	15.00	1.35		20.25	
15	23		Sqm	1	8.00	1.35		10.80	
		Drain							
		Sanjeevininagar							
		nagar)	Sqm						
		Left Side							
12	15		Sqm	1	3.00	1.35		4.05	
82	90		Sqm	1	8.00	1.35		10.80	
97	105		Sqm	1	8.40	1.35		11.34	
107	120		Sqm	1	13.00	1.35		17.55	
		Right Side							
31.3	45		Sqm	1	13.70	1.35		18.50	
48	58		Sqm	1	10.00	1.35		13.50	
104	112		Sqm	1	8.00	1.35		10.80	
		5th cross (Shabari nagar)							
		Right Side							
15	24		Sqm	1	9.00	1.35		12.15	
46.5	60		Sqm	1	13.50	1.35		18.23	
110	120		Sqm	1	10.10	1.35		13.64	

252.46

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer AE(CA) Assistant Executive Engineer

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Valmiki nagar	Sqm						
		Left Side							
14	26		Sqm	1	12.00	1.35		16.20	
92	102		Sqm	1	10.00	1.35		13.50	
		Right Side							
15	23		Sqm	1	8.00	1.35		10.80	
41	55		Sqm	1	14.00	1.35		18.90	
		Total Executed Qty						**316.85**	
		Modified Tender Qty						**316.85**	
		DPQ Paid in 1st Bill No.One Pg. No.						**295.44**	
		Reserved Qty to be Release						**21.41**	
		Present Bill Quantity						**Nil**	
		Now To be paid Qty						**21.41**	

59.4

4/4/19

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.5		**Providing and laying in position Plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and Fine aggregates @0.57 cum machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, in foundation, including cost of all materials, labour, HOM of Machinery, curing complete as per specificationand as per the direction of Engineer in charge of the work.**							
		Qty Recorded in first Bill (Pg No.					**Cum**	**844.52**	
		Present Executed							
		hucchappa house Right side							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	27		Cum	1	12.00	0.90	0.15	1.62	
		mallappa house Right side							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	42.6		Cum	1	12.60	0.90	0.15	1.70	
		Muneswara nilaya Right side							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	47		Cum	1	17.00	0.90	0.15	2.30	
		Siddappa house fornt side							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	47		Cum	1	17.00	0.90	0.15	2.30	
		Opposite to Chairman house							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	50		Cum	1	20.00	0.90	0.15	2.70	
		Near Amruthalli Water tank							
0	15		Cum	1	15.00	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	0.15	2.48	
30	49.5		Cum	1	19.50	1.10	0.15	3.22	

39.1

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

AssistantEngineer

Assistant Executive Engineer

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Lakshmi Narayan Temple Road							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	27		Cum	1	12.00	0.90	0.15	1.62	
		Culvert							
			Cum	1	5.00	1.20	0.15	0.90	
		For Roads							
		Muneswara nilaya Right side							
0	15		Cum	1	15.00	2.70	0.15	6.08	
15	30		Cum	1	15.00	2.70	0.15	6.08	
30	47		Cum	1	17.00	2.70	0.15	6.89	
		Lakshmi Narayan Temple Road							
0	15		Cum	1	15.00	3.60	0.15	8.10	
15	28		Cum	1	13.00	4.00	0.15	7.80	
		Lakshmi Narayan Temple Opposite							
0	15		Cum	1	15.00	4.90	0.15	11.03	
15	30		Cum	1	15.00	5.00	0.15	11.25	
30	47		Cum	1	17.00	5.30	0.15	13.52	
		Un Named Road near msasana							
0	19		Cum	1	19.00	3.70	0.15	10.55	
		Un Named Road near msasana							
0	15		Cum	1	15.00	3.70	0.15	8.33	
15	28		Cum	1	13.00	3.70	0.15	7.22	
		Near Ashwath Katte							
0	15		Cum	1	15.00	3.00	0.15	6.75	
15	30		Cum	1	15.00	3.00	0.15	6.75	
30	45		Cum	1	15.00	2.90	0.15	6.53	
45	57		Cum	1	12.00	3.00	0.15	5.40	

8/4/19

126.83

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bangalore Mahanagara Palike

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Near Maramma Temple (old Ravi							
0	15		Cum	1	15.00	1.50	0.15	3.38	
15	30		Cum	1	15.00	1.50	0.15	3.38	
30	40		Cum	1	10.00	1.50	0.15	2.25	
		Opposite to Yellamma Temple							
0	5		Cum	1	5.00	2.80	0.15	2.10	
		Opposite to Yellamma Temple							
0	10		Cum	1	10.00	4.00	0.15	6.00	
		Total Executed Qty						**1025.40**	
		Modified Tender Qty						**1025.96**	
		DPQ Paid in 1st Bill No.One Pg. No.						**844.52**	
		Present Bill Quantity						**180.88**	

17.11

Certified
22/4/19

NDP
DE(WT)
8/4

RUDRAPRASAD CONSULTANTS BANGALORE

N.D
AE(WT)

Assistant Executive Engineer
Kodigehalli Sub Division
Yeshwanthapura Palike

Contractor PMC AssistantEngineer Assistant Executive Engineer

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
Item no.6		Providing and laying in position Plain cement concrete of mix 1:2:4 with OPC cement @240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and Fine aggregates @0.53 cum machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, in foundation and plinth and cills, including cost of all materials, labour, HOM of Machinery, curing complete as per specification.and as per the direction of Engineer in charge of the work.							
		Qty Recorded in first Bill (Pg No.					Cum	27.23	
		Total Executed Qty						27.23	
		Modified Tender Qty						20.48	
		Modified Tender Qty Above 125%						6.75	
		DPQ Paid in 1st Bill No.One Pg. No.						16.38	
		Reserved Qty to be Release						10.85	
		Present Bill Quantity						Nil	
		Qty now to be paid						10.85	

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer AE(W-7) Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.7		Providing and constructing granite/trap/basalt size stone masonry in foundation in CM 1:6 stone hammed dressed in courses not less than 20cms high, bond stones at 2m apart in each course including cost of materials, labour, curing etc., and as per the direction of Engineer in charge of the work.							
		Qty Recorded in first Bill (Pg No.					Cum	101.52	
		Total Executed Qty						101.52	
		Modified Tender Qty						39.49	
		Modified Tender Qty Above 125%						62.03	
		DPQ Paid in 1st Bill No.One Pg. No.						31.59	
		Reserved Qty to be Release						69.93	
		Present Bill Quantity						Nil	
		Qty now to be paid						69.93	

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

AssistantEngineer

Assistant Executive Engineer

Assistant Executive Engineer

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
Item no.8		Providing and constructing granite/trap/basalt size stone masonry in superstructure with cement mortar 1:4, edges of stones chistle dressed in courses not less than 15cms high, bond stones at two m. apart in each course including cost of materials, labhour,scaffolding, curing complete as per specifications.(and as per the direction of Engineer in charge of the work.							
		Qty Recorded in first Bill (Pg No.					Cum	40.59	
		Total Executed Qty						40.59	
		Modified Tender Qty						35.44	
		Modified Tender Qty Above 125%						5.15	
		DPQ Paid in 1st Bill No.One Pg. No.						28.35	
		Reserved Qty to be Release						12.24	
		Present Bill Quantity						Nil	
		Qty now to be paid						12.24	

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer AE(LT) Assistant Executive Engineer

Assistant Executive Engineer Kodigehaal Sub Division Mahanagara Palike

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.9		Providing ruled pointing of course stone masonry with cement mortar 1:3, after raking joints, nicely lining, including ost of materials, labour, curing etc., and as per the direction of Engineer in charge of the work.							
		Qty Recorded in first Bill (Pg No.					Sqm	793.80	✓
		Total Executed Qty						793.80	✓
		Modified Tender Qty						297.75	✓
		Modified Tender Qty Above 125%						496.05	✓
		DPQ Paid in 1st Bill No.One Pg. No.						238.20	✓
		Reserved Qty to be Release						555.60	✓
		Present Bill Quantity						Nil	
		Qty now to be paid						555.60	✓

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

AssistantEngineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.10		**Cement concrete pavement. Constructionn of un reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2, with 25mm and down size graded granite metal coarse granite metal coarse aggregates and fine aggregates, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, mixed in a concrete mixer of not less than 0.5cum capacity and appropriate weigh batcher as per approevd mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floater in a continuos operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, seperation membrane, selant primer, joint selant, admixtures as approved, curing compound, finishing to lines and grades as per specifications. -and as per the direction of Engineer in charge of the work.**							
		Road surface							
		Qty Recorded in first Bill (Pg No.							
		Yogeshwara nagar							
		8th cross							
0	15		Cum	1	15.00	6.30	0.10	9.45	
15	22		Cum	1	7.00	6.00	0.10	4.20	
		3rd cross							
0	15		Cum	1	15.00	5.70	0.10	8.55	
15	23		Cum	1	8.00	6.20	0.10	4.96	
		4th cross	cum						
0	15		Cum	1	15.00	4.35	0.10	6.53	
15	24		Cum	1	9.00	4.75	0.10	4.28	
		2nd cross							
0	15		Cum	1	15.00	4.50	0.10	6.75	
15	23		Cum	1	8.00	4.20	0.10	3.36	
		Deductions to Manholes	cum	3	0.636		0.10	-0.19	
			(3.14x0.9x0.9) / 4 = 0.636						

+2.89

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

AssistantEngineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
		Shanimahatma Temple Front Side							
		1St Cross							
0	15		Cum	1	15.00	2.75	0.10	4.13	
15	30		Cum	1	15.00	2.75	0.10	4.13	
30	47		Cum	1	17.00	2.30	0.10	3.91	
		Main Road							
0	15		Cum	1	15.00	6.85	0.10	10.28	
15	30		Cum	1	15.00	6.25	0.10	9.38	
30	45		Cum	1	15.00	5.75	0.10	8.63	
45	60		Cum	1	15.00	6.55	0.10	9.83	
60	75		Cum	1	15.00	7.45	0.10	11.18	
75	82		Cum	1	7.00	7.10	0.10	4.97	
		3rd cross							
0	15		Cum	1	15.00	3.30	0.10	4.95	
15	30		Cum	1	15.00	3.15	0.10	4.73	
30	48		Cum	1	18.00	3.05	0.10	5.49	
		Near							
0	11		Cum	1	11.00	9.10	0.10	10.01	
0	13.5		Cum	1	13.50	2.20	0.10	2.97	
		Temple Road							
0	4		Cum	1	4.00	6.90	0.10	2.76	
0	15		Cum	1	15.00	10.20	0.10	15.30	
15	30		Cum	1	15.00	9.20	0.10	13.80	
30	45		Cum	1	15.00	11.00	0.10	16.50	
0	15		Cum	1	15.00	4.30	0.10	6.45	
15	30		Cum	1	15.00	3.95	0.10	5.93	
0	15		Cum	1	15.00	8.95	0.10	13.43	
		Deductions to Manholes	Cum	10	0.636		0.10	-0.64	

167.69

Contractor

PMC

AssistantEngineer

Assistant Executive Engineer

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Road surface							
		Amruthahalli main road Next to Amruthahalli School							
0	15		cum	1	15.00	7.2	0.1	10.8	
15	30		cum	1	15.00	6.25	0.1	9.38	
30	45		cum	1	15.00	5.45	0.1	8.18	
45	57		cum	1	12.00	5.35	0.1	6.42	
		Road near maramma temple							
0	19.1		cum	1	19.10	3.20	0.1	6.11	
		Road near to govt school							
0	12.6		cum	1	12.60	4.15	0.1	5.23	
0	15		cum	1	15.00	4.50	0.1	6.75	
15	20.4		cum	1	5.40	5.25	0.1	2.84	
		Deduction to Manholes		4	0.636	—	0.1	-0.25	
			(3.14x0.90x0.9) / 4 = 0.636						
		Amruthalli Cross road							
0	15		cum	1	15.00	3.3	0.10	4.95	
15	29		cum	1	14.00	3.65	0.10	5.11	
		Amruthalli Cross road							
0	15		cum	1	15.00	4.3	0.10	6.45	
15	30		cum	1	15.00	3.9	0.10	5.85	
30	45		cum	1	15.00	4.05	0.10	6.08	
45	60		cum	1	15.00	4.45	0.10	6.68	
60	75		cum	1	15.00	4.2	0.10	6.3	
		Amruthalli Cross road							
0	15		cum	1	15.00	4.55	0.10	6.83	
15	27		cum	1	12.00	5	0.10	6	
		Ashwath Katte road (D lane)							
0	15		cum	1	15.00	5.8	0.1	8.70	
15	33		cum	1	18.00	6.2	0.1	11.16	
0	15		cum	1	15.00	6.3	0.1	9.45	
15	30		cum	1	15.00	6.85	0.1	10.28	
30	40		cum	1	10.00	6.9	0.1	6.9	
		Deduction to Manholes		3	0.636	—	0.1	-0.19	
			(3.14x0.90x0.9) / 4 = 0.636						

156.01

Contractor PMC AssistantEngineer Assistant Executive Engineer

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		4th cross (Shabarinagara)							
0	15		Cum	1	15.00	4.6	0.1	6.90	
15	30		Cum	1	15.00	3.85	0.1	5.78	
30	45		Cum	1	15.00	3.35	0.1	5.03	
45	60		Cum	1	15.00	2.95	0.1	4.43	
60	75		Cum	1	15.00	4.15	0.1	6.23	
75	90		Cum	1	15.00	5.1	0.1	7.65	
90	105		Cum	1	15.00	4.9	0.1	7.35	
105	120		Cum	1	15.00	5.1	0.1	7.65	
120	135		Cum	1	15.00	4.65	0.1	6.98	
135	150		Cum	1	15.00	4.15	0.1	6.23	
150	163		Cum	1	12.60	4.25	0.1	5.36	
		Deductions to Manholes		5	0.636		0.1	-0.32	
			(3.14x0.90x0.90) /4 = 0.636						
		5th cross							
0	15		Cum	1	15.00	4.8	0.1	7.20	
15	30		Cum	1	15.00	4.55	0.1	6.83	
30	45		Cum	1	15.00	4.45	0.1	6.68	
45	60		Cum	1	15.00	4.55	0.1	6.83	
60	75		Cum	1	15.00	4.3	0.1	6.45	
75	90		Cum	1	15.00	4.05	0.1	6.08	
90	105		Cum	1	15.00	3.8	0.1	5.70	
105	120		Cum	1	15.00	3.65	0.1	5.48	
120	135		Cum	1	15.00	3.7	0.1	5.55	
135	150		Cum	1	15.00	3.6	0.1	5.40	
150	163		Cum	1	13.30	3.4	0.1	4.52	
		Deductions to Manholes		6	0.636		0.1	-0.38	
			(3.14x0.90x0.90) /4 = 0.636						
		Valmiki Bheedi							
0	15		Cum	1	15.00	3.2	0.1	4.80	
15	30		Cum	1	15.00	3.4	0.1	5.10	
30	45		Cum	1	15.00	3.65	0.1	5.48	
45	60		Cum	1	15.00	3.45	0.1	5.18	
60	75		Cum	1	15.00	3.05	0.1	4.58	
75	90		Cum	1	15.00	3	0.1	4.50	
90	93.5		Cum	1	3.50	2.65	0.1	0.93	
93.5	109		Cum	1	15.00	3.2	0.1	4.80	
0	15		Cum	1	15.00	3.55	0.1	5.33	
15	30		Cum	1	15.00	3	0.1	4.50	

180.78

Contractor

PMC

AssistantEngineer

Assistant Executive Engineer

Bruhat Bangalore Mahanagara Palike

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
30	45		Cum	1	15.00	2.95	0.1	4.43	
45	60		Cum	1	15.00	3.4	0.1	5.10	
60	62.5		Cum	1	2.50	4.2	0.1	1.05	
		Deductions to Manholes		6	0.636		0.1	-0.38	
			(3.14x0.90x0.90) /4 = 0.636						
		Present Executed							
		Muneswara nilaya Right side							
0	15		Cum	1	15.00	2.70	0.10	4.05	
15	30		Cum	1	15.00	2.70	0.10	4.05	
30	47		Cum	1	17.00	2.70	0.10	4.59	
		Lakshmi Narayan Temple Road							
0	15		Cum	1	15.00	3.60	0.10	5.40	
15	28		Cum	1	13.00	4.00	0.10	5.20	
		Lakshmi Narayan Temple Opposite							
0	15		Cum	1	15.00	4.90	0.10	7.35	
15	30		Cum	1	15.00	5.00	0.10	7.50	
30	47		Cum	1	17.00	5.30	0.10	9.01	
		Un Named Road near msasana							
0	19		Cum	1	19.00	3.70	0.10	7.03	
		Un Named Road near msasana							
0	15		Cum	1	15.00	3.70	0.10	5.55	
15	28		Cum	1	13.00	3.70	0.10	4.81	
		Near Ashwath Katte							
0	15		Cum	1	15.00	3.00	0.10	4.50	
15	30		Cum	1	15.00	3.00	0.10	4.50	
30	45		Cum	1	15.00	2.90	0.10	4.35	
45	57		Cum	1	12.00	3.00	0.10	3.60	

91.69

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

AssistantEngineer

Assistant Executive Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Near Maramma Temple (old Ravi							
0	15		Cum	1	15.00	1.50	0.10	2.25	
15	30		Cum	1	15.00	1.50	0.10	2.25	
30	40		Cum	1	10.00	1.50	0.10	1.50	
		Opposite to Yellamma Temple							
0	5		Cum	1	5.00	2.80	0.10	1.40	
		Opposite to Yellamma Temple							
0	10		Cum	1	10.00	4.00	0.10	4.00	
		Total Executed Qty						**655.75**	
		Modified Tender Qty						**656.12**	
		DPQ Paid in 1st Bill No.One Pg. No.						**562.85**	
		Present Bill Quantity					**Cum**	**92.90**	

N.4

10/7/19

NDP
AE(W7)
10/7

RUDRAPRASAD CONSULTANTS BANGALORE

N.D
AE(W7)

Assistant Executive Engineer
Kodigehalli Sub Division
Bangalore Mahanagara Palike

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.11		**Vaccume de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of Machineries, screed vibrotery, power floater, blade and disc.,and as per the direction of Engineer in charge of the work.**							
		Road surface							
		Qty Recorded in first Bill (Pg No.							
		Yogeshwara nagar							
		8th cross							
0	15		Sqm	1	15.00	6.30		94.50	
15	22		Sqm	1	7.00	6.00		42.00	
		3rd cross							
0	15		Sqm	1	15.00	5.70		85.50	
15	23		Sqm	1	8.00	6.20		49.60	
		4th cross							
0	15		Sqm	1	15.00	4.35		65.25	
15	24		Sqm	1	9.00	4.75		42.75	
		2nd cross							
0	15		Sqm	1	15.00	4.50		67.50	
15	23		Sqm	1	8.00	4.20		33.60	
		Deductions to Manholes	Sqm	3	0.636			-1.91	
				(3.14x0.9x0.9)/4 = 0.636					
		Shanimahatma Temple Front Side							
		1St Cross							
0	15		Sqm	1	15.00	2.75		41.25	
15	30		Sqm	1	15.00	2.75		41.25	
30	47		Sqm	1	17.00	2.30		39.10	
		Main Road							
0	15		Sqm	1	15.00	6.85		102.75	
15	30		Sqm	1	15.00	6.25		93.75	
30	45		Sqm	1	15.00	5.75		86.25	
45	60		Sqm	1	15.00	6.55		98.25	
60	75		Sqm	1	15.00	7.45		111.75	
75	82		Sqm	1	7.00	7.10		49.70	
		3rd cross							
0	15		Sqm	1	15.00	3.30		49.50	
15	30		Sqm	1	15.00	3.15		47.25	
30	48		Sqm	1	18.00	3.05		54.90	

1294.49

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer AE(WZ) Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
		Near							
0	11		Sqm	1	11.00	9.10		100.10	
0	13.5		Sqm	1	13.50	2.20		29.70	
		Temple Road	Sqm						
0	4		Sqm	1	4.00	6.90		27.60	
0	15		Sqm	1	15.00	10.20		153.00	
15	30		Sqm	1	15.00	9.20		138.00	
30	45		Sqm	1	15.00	11.00		165.00	
0	15		Sqm	1	15.00	4.30		64.50	
15	30		Sqm	1	15.00	3.95		59.25	
0	15		Sqm	1	15.00	8.95		134.25	
		Deductions to Manholes	Sqm	10	0.636			-6.36	
			(3.14x0.9x0.9)/4 = 0.636						
		Road surface							
		Amruthahalli main road Next to							
0	15		Sqm	1	15.00	7.2		108	
15	30		Sqm	1	15.00	6.25		93.75	
30	45		Sqm	1	15.00	5.45		81.75	
45	57		Sqm	1	12.00	5.35		64.2	
		Road near maramma temple							
0	19.1		Sqm	1	19.10	3.20		61.12	
		Road near to govt school							
0	12.6		Sqm	1	12.60	4.15		52.29	
0	15		Sqm	1	15.00	4.50		67.5	
15	20.4		Sqm	1	5.40	5.25		28.35	
		Deduction to Manholes	Sqm	4	0.636			-2.54	
			(3.14x0.90x0.9) / 4 = 0.636						
		Amruthalli Cross road							
0	15		Sqm	1	15.00	3.3		49.50	
15	29		Sqm	1	14.00	3.65		51.10	

1520.06

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Amruthalli Cross road							
0	15		Sqm	1	15.00	4.3		64.50	
15	30		Sqm	1	15.00	3.9		58.50	
30	45		Sqm	1	15.00	4.05		60.75	
45	60		Sqm	1	15.00	4.45		66.75	
60	75		Sqm	1	15.00	4.2		63.00	
		Amruthalli Cross road							
0	15		Sqm	1	15.00	4.55		68.25	
15	27		Sqm	1	12.00	5		60.00	
		Ashwath Katte road (D lane)							
0	15		Sqm	1	15.00	5.8		87.00	
15	33		Sqm	1	18.00	6.2		111.6	
0	15		Sqm	1	15.00	6.3		94.50	
15	30		Sqm	1	15.00	6.85		102.75	
30	40		Sqm	1	10.00	6.9		69.00	
		Deduction to Manholes		3	0.636			-1.91	
			(3.14x0.90x0.9) / 4 = 0.636						
		4th cross (Shabarinagara)							
0	15		Sqm	1	15.00	4.6		69.00	
15	30		Sqm	1	15.00	3.85		57.75	
30	45		Sqm	1	15.00	3.35		50.25	
45	60		Sqm	1	15.00	2.95		44.25	
60	75		Sqm	1	15.00	4.15		62.25	
75	90		Sqm	1	15.00	5.1		76.50	
90	105		Sqm	1	15.00	4.9		73.50	
105	120		Sqm	1	15.00	5.1		76.50	
120	135		Sqm	1	15.00	4.65		69.75	
135	150		Sqm	1	15.00	4.15		62.25	
150	163		Sqm	1	12.60	4.25		53.55	
		Deductions to Manholes		5	0.636			-3.18	
			(3.14x0.90x0.90) /4 = 0.636						
		5th cross							
0	15		Sqm	1	15.00	4.8		72.00	
15	30		Sqm	1	15.00	4.55		68.25	
30	45		Sqm	1	15.00	4.45		66.75	

1804.06

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bangalore Mahanagara Palike

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
45	60		Sqm	1	15.00	4.55		68.25	
60	75		Sqm	1	15.00	4.3		64.50	
75	90		Sqm	1	15.00	4.05		60.75	
90	105		Sqm	1	15.00	3.8		57.00	
105	120		Sqm	1	15.00	3.65		54.75	
120	135		Sqm	1	15.00	3.7		55.50	
135	150		Sqm	1	15.00	3.6		54.00	
150	163		Sqm	1	13.30	3.4		45.22	
		Deductions to Manholes		6	0.636			-3.82	
			(3.14x0.90x0.90) /4 = 0.636						
		Valmiki Bheedi							
0	15		Sqm	1	15.00	3.2		48.00	
15	30		Sqm	1	15.00	3.4		51.00	
30	45		Sqm	1	15.00	3.65		54.75	
45	60		Sqm	1	15.00	3.45		51.75	
60	75		Sqm	1	15.00	3.05		45.75	
75	90		Sqm	1	15.00	3		45.00	
90	93.5		Sqm	1	3.50	2.65		9.28	
93.5	109		Sqm	1	15.00	3.2		48.00	
0	15		Sqm	1	15.00	3.55		53.25	
15	30		Sqm	1	15.00	3		45.00	
30	45		Sqm	1	15.00	2.95		44.25	
45	60		Sqm	1	15.00	3.4		51.00	
60	62.5		Sqm	1	2.50	4.2		10.50	
		Deductions to Manholes		6	0.636			-3.82	
			(3.14x0.90x0.90) /4 = 0.636						
		Present Executed							
		Muneswara nilaya Right side							
0	15		Sqm	1	15.00	2.70		40.50	
15	30		Sqm	1	15.00	2.70		40.50	
30	47		Sqm	1	17.00	2.70		45.90	
		Lakshmi Narayan Temple Road							
0	15		Sqm	1	15.00	3.60		54.00	
15	28		Sqm	1	13.00	4.00		52.00	

1232.76

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

AssistantEngineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Lakshmi Narayan Temple Opposite							
0	15		Sqm	1	15.00	4.90		73.50	
15	30		Sqm	1	15.00	5.00		75.00	
30	47		Sqm	1	17.00	5.30		90.10	
		Un Named Road near msasana							
0	19		Sqm	1	19.00	3.70		70.30	
		Un Named Road near msasana							
0	15		Sqm	1	15.00	3.70		55.50	
15	28		Sqm	1	13.00	3.70		48.10	
		Near Ashwath Katte							
0	15		Sqm	1	15.00	3.00		45.00	
15	30		Sqm	1	15.00	3.00		45.00	
30	45		Sqm	1	15.00	2.90		43.50	
45	57		Sqm	1	12.00	3.00		36.00	
		Near Maramma Temple (old Ravi							
0	15		Sqm	1	15.00	1.50		22.50	
15	30		Sqm	1	15.00	1.50		22.50	
30	40		Sqm	1	10.00	1.50		15.00	
		Opposite to Yellamma Temple							
0	5		Sqm	1	5.00	2.80		14.00	
		Opposite to Yellamma Temple							
0	10		Sqm	1	10.00	4.00		40.00	
		Total Executed Qty						6557.37	
		Modified Tender Qty						6123.13	
		Modified Tender Qty Above 125%						437.96	
		DPQ Paid in 1st Bill No.One Pg. No.						4898.50	
		Present Bill Quantity					Sqm	1658.87	

6547.27 424.24 1648.87

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

AssistantEngineer

Assistant Executive Engineer

Assistant Executive Engineer
Kengeri Sub Division
Bruhat Bangalore Mahanagara Palike

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
Item no.12		Providing,laying, spreading and compacting crushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including pre mixing the Material with water at OMC in mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density. complete as per specifications.and as per							
		Qty Recorded in first Bill (Pg No. —					Cum	198.83	
		Total Executed Qty						198.83	
		Modified Tender Qty						198.83	
		DPQ Paid in 1st Bill No.One Pg. No. —						198.83	
		Present Bill Quantity						Nil	

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
Item no.13		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. and as per the							
		Qty Recorded in first Bill (Pg No. —					Sqm	994.17	
		Total Executed Qty						994.17	
		Modified Tender Qty						994.17	
		DPQ Paid in 1st Bill No.One Pg. No. —						994.17	
		Present Bill Quantity						Nil	

BUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.14		**Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading,premixed with bituminous binder and filler,transporting the hot mix to work site,laying with a paver finisher to the required grade, level and alignment,rolling with smooth wheeled,vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.9 complete in all respects complete as per specifications. and as per the direction of Engineer in charge of the work.**							
		Qty Recorded in first Bill (Pg No.							
		Amruthalli Grama road							
0	15		Cum	1	15.00	5.55	0.04	3.33	
15	30		Cum	1	15.00	6.35	0.04	3.81	
30	45		Cum	1	15.00	6.85	0.04	4.11	
45	60		Cum	1	15.00	5.55	0.04	3.33	
60	75		Cum	1	15.00	4.3	0.04	2.58	
75	88		Cum	1	13.00	5.75	0.04	2.99	
88	103		Cum	1	15.00	6.3	0.04	3.78	
103	118		Cum	1	15.00	5.35	0.04	3.21	
118	133		Cum	1	15.00	5.15	0.04	3.09	
133	148		Cum	1	15.00	5.4	0.04	3.24	
148	170		Cum	1	22.00	7.3	0.04	6.42	
		Deduction of		*5*	0.636	—	0.04	-0.13	
			(3.14x0.90x0.90)/4=0.636						
		Total Executed Qty						**39.77**	
		Modified Tender Qty						**39.77**	
		DPQ Paid in 1st Bill No.One Pg. No.						**39.77**	
		Present Bill Quantity						**Nil**	

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Assistant Executive Engineer
Roads and SWD Division
Bruhat Bangalore Mahanagara Palike

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.15		**Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granie metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase linels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labhour, HOM of machinery, curing, complete as per specifications.**							
		Bottom Raft							
		hucchappa house Right side							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	27		Cum	1	12.00	0.90	0.15	1.62	
		mallappa house Right side							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	42.6		Cum	1	12.60	0.90	0.15	1.70	
		Muneswara nilaya Right side							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	47		Cum	1	17.00	0.90	0.15	2.30	
		Siddappa house fornt side							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	47		Cum	1	17.00	0.90	0.15	2.30	
		Opposite to Chairman house							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	50		Cum	1	20.00	0.90	0.15	2.70	

28.89

HUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Cross Road							
0	15		Cum	1	15.00	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	0.15	2.48	
30	49.5		Cum	1	19.50	1.10	0.15	3.22	
		Lakshmi Narayan Temple Road							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	27		Cum	1	12.00	0.90	0.15	1.62	
		Cross Road	cum	1	45.00	0.60	0.75	20.25	
		Culvert							
			Cum	1	5.00	1.20	0.15	0.90	
		Wall							
		hucchappa house Right side							
0	15		Cum	2	15.00	0.15	0.65	2.93	
15	27		Cum	2	12.00	0.15	0.65	2.34	
		mallappa house Right side							
0	15		Cum	2	15.00	0.15	0.65	2.93	
15	30		Cum	2	15.00	0.15	0.65	2.93	
30	42.6		Cum	2	12.60	0.15	0.65	2.46	
		Muneswara nilaya Right side							
0	15		Cum	2	15.00	0.15	0.65	2.93	
15	30		Cum	2	15.00	0.15	0.65	2.93	
30	47		Cum	2	17.00	0.15	0.65	3.32	
		Siddappa house fornt side							
0	15		Cum	2	15.00	0.15	0.65	2.93	
15	30		Cum	2	15.00	0.15	0.65	2.93	
30	47		Cum	2	17.00	0.15	0.65	3.32	
		Opposite to Chairman house							
0	15		Cum	2	15.00	0.15	0.65	2.93	
15	30		Cum	2	15.00	0.15	0.65	2.93	
30	50		Cum	2	20.00	0.15	0.65	3.90	

74.69

VIDYAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Assistant Executive Engineer Division Bruhat Bangalore Mahanagara Palike

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Cross Road							
0	15		Cum	2	15.00	0.15	0.90	4.05	
15	30		Cum	2	15.00	0.15	0.90	4.05	
30	49.5		Cum	2	19.50	0.15	0.90	5.27	
		Lakshmi Narayan Temple Road							
0	15		Cum	2	15.00	0.15	0.65	2.93	
15	27		Cum	2	12.00	0.15	0.65	2.34	
		Culvert							
			Cum	2	5.00	0.15	0.90	1.35	
		Total Executed Qty						**123.43**	
		Modified Tender Qty						**100.13**	
		Modified Tender Qty Above 125%						**23.39**	
		DPQ Paid in 1st Bill No.One Pg. No.						**0.00**	
		Present Bill Quantity						**123.43**	

19.99

29/6/15

NOD AE(LT) 29/6

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
Item no.16		**Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wiere and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials labour HOM of machinery complete** Qty as per Calculation Sheet (Enclosed)							
		~~Consider 50 Kgs/cum for~~ Drain	Tonne		121.18	0.050	--	6.06	
		~~Consider 80 Kgs/cum for~~ Culvert	Tonne		2.25	0.080	--	0.18	
		Total Executed Qty						**6.24**	
		Modified Tender Qty						**6.25**	
		DPQ Paid in 1st Bill No.One Pg. No.						**0.00**	
		Present Bill Quantity						**6.24**	NDP DE(WZ)

RAPRASAD CONSULTANTS BANGALORE

N.D DE(WZ)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike

Contractor PMC AssistantEngineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Package - 4 includes 4 works of Rs.195.00 lakhs 1).Improvements to roads and drains near Hebbal Shanimahatma temple in Ward No.07, Byatarayanapura. 2).Improvements to roads and drains Amruthalli gramatana pending works and surrounding areas in Ward No.07, Byatarayanapura. 3).Improvements to roads and drains Sanjeevinagara, Byatarayanapura and Kempapura in Ward No.07, Byatarayanapura. 4).Improvements to drains Hoysala Apartment towards Byatararayanapura in Ward No.07, Byatarayanapura

Agency:Agency:Abhijit A, No.09, Gurushree nilaya, 5th cross, 80feet Road, Padmanabhanagara, Bangalore-560 070

Measurements Taken On :

MEASUREMENT SHEET - 2nd and Final Bill

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
	Item no.15	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wiere and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials labour HOM of machinery complete							
	hucchappa house Right side								
	Main Bars (#10@150c/c)	1	12	160	159.82	2.50	399.56	0.887814	354.73
	Distribution(9-#8)	1	8	9	9	27.00	243.00	0.394584	95.88
	mallappa house Right side								
	Main Bars (#10@150 c/c)	1	12	252	252	2.50	628.97	0.887814	558.41
	Distribution(9-#8)	1	8	9	9	42.60	383.40	0.394584	151.28
	Muneswara nilaya Right side								
	Main Bars (#10@150 c/c)	1	12	277	277	2.50	693.68	0.887814	615.86
	Distribution(9-#8)	1	8	9	9	47.00	423.00	0.394584	166.91
	Siddappa house fornt side								
	Main Bars (#10@150 c/c)	1	12	277	277	2.50	693.68	0.887814	615.86
	Distribution(9-#8)	1	8	9	9	47.00	423.00	0.394584	166.91
	Opposite to Chairman house								
	Main Bars (#10@150 c/c)	1	12	334	334	2.50	835.83	0.887814	742.06
	Distribution(9-#8)	1	8	9	9	50.00	450.00	0.394584	177.56
	Cross Road								
	Main Bars (#10@150 c/c)	1	12	382	382	2.50	954.42	0.887814	847.35
	Distribution(9-#8)	1	8	9	9	49.50	445.50	0.394584	175.79
	Lakshmi Narayan Temple Road								
	Main Bars (#10@150 c/c)	1	12	209	209	2.50	521.73	0.887814	463.20
	Distribution(9-#8)	1	8	9	9	27.00	243.00	0.394584	95.88

5227.7

PRAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike

	Culvert								
	Main Bars outer face (#16@150 c/c)	2	16	43	85	4.00	341.33	1.578336	538.74
	Main Bars inner face (#16@150 c/c)	2	16	43	85	3.00	256.00	1.578336	404.05
	Distribution								
	side walls(11#12)	4	12	11	44	1.15	50.60	0.887814	44.92
	bottom slab(11-#12)	2	12	11	22	1.23	27.06	0.887814	24.02
								TOTAL QTY IN KG'S	**6239.43**
								TOTAL QTY IN TONNE	**6.24**

1011.93

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.17		**Providing and removing centering, shuttering, strutting, propping etc.,for columns, pillars, piers, abutments, post and struts, square/square/rectangular slabs/side walls polygon in plan including cost of materials, labhour complete as per specification.**							
		Side wall							
		hucchappa house Right side							
0	15		Sqm	2	15.00		0.65	19.50	
15	27		Sqm	2	12.00		0.65	15.60	
		mallappa house Right side							
0	15		Sqm	2	15.00		0.65	19.50	
15	30		Sqm	2	15.00		0.65	19.50	
30	42.6		Sqm	2	12.60		0.65	16.38	
		Muneswara nilaya Right side							
0	15		Sqm	2	15.00		0.65	19.50	
15	30		Sqm	2	15.00		0.65	19.50	
30	47		Sqm	2	17.00		0.65	22.10	
		Siddappa house fornt side							
0	15		Sqm	2	15.00		0.65	19.50	
15	30		Sqm	2	15.00		0.65	19.50	
30	47		Sqm	2	17.00		0.65	22.10	
		Opposite to Chairman house							
0	15		Sqm	2	15.00		0.65	19.50	
15	30		Sqm	2	15.00		0.65	19.50	
30	50		Sqm	2	20.00		0.65	26.00	
		Near Amruthalli Water tank							
0	15		Sqm	2	15.00		0.90	27.00	
15	30		Sqm	2	15.00		0.90	27.00	
30	49.5		Sqm	2	19.50		0.90	35.10	

366.78

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

AssistantEngineer AE(W)

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Lakshmi Narayan Temple Road							
0	15		Sqm	2	15.00		0.65	19.50	
15	27		Sqm	2	12.00		0.65	15.60	
		Culvert							
			Sqm	2	5.00		0.90	9.00	
		Total Executed Qty						**410.88**	
		Modified Tender Qty						**410.88**	
		DPQ Paid in 1st Bill No.One Pg. No.						**0.00**	
		Present Bill Quantity						**410.88**	

44.1

NDD
AE(W7)
11/4

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
560 092

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.18		Loading and unloading of stone boulder/stone aggregates/sand/kaner/moorum. placing tipper at loading point loading with front end loading, dumping turing for return trip, excluding time for haulage and return and trip complete as per specificationand as per the direction of Engineer in charge of the work.							
		Qty Recorded in first Bill (Pg No.						1679.43	
		Present Executed							
		Considered same Qty vide I.No. 1	Cum					612.30	
		Total Executed Qty						2291.73	
		Modified Tender Qty						2292.64	
		DPQ Paid in 1st Bill No.One Pg. No.						1679.43	
		Present Bill Quantity						612.30	

Contractor

PMC

AssistantEngineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.19		**Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)**							
		Cover Slab							
		hucchappa house Right side							
0	15		Sqm	25	0.90	0.60		13.50	
15	27		Sqm	20	0.90	0.60		10.80	
		mallappa house Right side							
0	15		Sqm	25	0.90	0.60		13.50	
15	30		Sqm	25	0.90	0.60		13.50	
30	42.6		Sqm	21	0.90	0.60		11.34	
		Muneswara nilaya Right side							
0	15		Sqm	25	0.90	0.60		13.50	
15	30		Sqm	25	0.90	0.60		13.50	
30	47		Sqm	28	0.90	0.60		15.30	
		Siddappa house fornt side							
0	15		Sqm	25	0.90	0.60		13.50	
15	30		Sqm	25	0.90	0.60		13.50	
30	47		Sqm	28	0.90	0.60		15.30	
		Opposite to Chairman house							
0	15		Sqm	25	0.90	0.60		13.50	
15	30		Sqm	25	0.90	0.60		13.50	
30	50		Sqm	33	0.90	0.60		18.00	
		Cross Road							
0	15		Sqm	25	1.10	0.60		16.50	
15	30		Sqm	25	1.10	0.60		16.50	
30	49.5		Sqm	32	1.10	0.60		21.45	

246.69

RUDRAPRASAD CONSULT BANGALORE S.I.N.

Contractor PMC AssistantEngineer Assistant Executive Engineer

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Lakshmi Narayan Temple Road							
0	15		Sqm	25	0.90	0.60		13.50	
15	27		Sqm	20	0.90	0.60		10.80	
		Total Executed Qty						**270.99**	
		Modified Tender Qty						**270.99**	
		DPQ Paid in 1st Bill No.One Pg. No.						**0.00**	
		Present Bill Quantity						**270.99**	

24.3

Contractor PMC AssistantEngineer Assistant Executive Engineer

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
Item no.20		Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)							
		Culvert	Sqm	8	1.20	0.60		6.00	
		Total Executed Qty						6.00	
		Modified Tender Qty						6.00	
		DPQ Paid in 1st Bill No.One Pg. No.						0.00	
		Present Bill Quantity						6.00	

NDD
AE(W27)
9/7

RUDRAPRASAD CONSULTANTS BANGALORE

N.D
AE(W27)

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike

Contractor PMC AssistantEngineer Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.21		Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.20 cm in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable materials separately complete and as per the direction of Engineer in charge of the work.							
		Qty Recorded in first Bill (Pg No.						359.58	
		Present Executed							
		Un Named Road near msasana							
0	18.2		Cum	1	18.20	3.70	0.15	10.10	
		Un Named Road near msasana							
0	15		Cum	1	15.00	3.70	0.15	8.33	
15	28		Cum	1	13.00	3.70	0.15	7.22	
		Near Ashwath Katte							
0	15		Cum	1	15.00	3.00	0.15	6.75	
15	30		Cum	1	15.00	3.00	0.15	6.75	
30	45		Cum	1	15.00	2.90	0.15	6.53	
45	57		Cum	1	12.00	3.00	0.15	5.40	
		Total Executed Qty						410.65	
		Modified Tender Qty						410.88	
		DPQ Paid in 1st Bill No.One Pg. No.						0.00	
		Present Bill Quantity						410.65	NDR AE(B) 21/3

21/3/19

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Contractor

AssistantEngineer

Assistant Executive Engineer

Assistant Executive Engineer
RO Dasarahalli Sub Division
Bruhat Bangalore Mahanagara Palike

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Remark
Item no.22		**Construction of Emabnkment with approved material Gravel /Murrum with all lifts and leads, transporting to site, sptreading, grading to required slope and compacting to meet requirement and as per the direction of Engineer in charge of the work.**							
		Qty Recorded in first Bill (Pg No.						**286.38**	
		Present Executed							
		Muneswara nilaya Right side							
0	15		Cum	1	15.00	2.70	0.15	6.08	
15	30		Cum	1	15.00	2.70	0.15	6.08	
30	47		Cum	1	17.00	2.70	0.15	6.89	
		Lakshmi Narayan Temple Road							
0	15		Cum	1	15.00	3.60	0.15	8.10	
15	28		Cum	1	13.00	4.00	0.15	7.80	
		Lakshmi Narayan Temple Opposite							
0	15		Cum	1	15.00	4.90	0.15	11.03	
15	30		Cum	1	15.00	5.00	0.15	11.25	
30	47		Cum	1	17.00	5.30	0.15	13.52	
		Un Named Road near msasana							
0	18.2		Cum	1	18.20	3.70	0.15	10.10	
		Un Named Road near msasana							
0	15		Cum	1	15.00	3.70	0.15	8.33	
15	28		Cum	1	13.00	3.70	0.15	7.22	
		Near Ashwath Katte							
0	15		Cum	1	15.00	3.00	0.15	6.75	
15	30		Cum	1	15.00	3.00	0.15	6.75	
30	45		Cum	1	15.00	2.90	0.15	6.53	
45	57		Cum	1	12.00	3.00	0.15	5.40	
		Near Maramma Temple (old Ravi							
0	15		Cum	1	15.00	1.50	0.15	3.38	
15	30		Cum	1	15.00	1.50	0.15	3.38	
30	40		Cum	1	10.00	1.50	0.15	2.25	

Contractor

PMC

AssistantEngineer

Assistant Executive Engineer

Assistant Executive Engineer

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
		Opposite to Yellamma Temple							
0	5		Cum	1	5.00	2.80	0.15	2.10	
		Opposite to Yellamma Temple							
0	10		Cum	1	10.00	4.00	0.15	6.00	
		Total Executed Qty						**425.28**	
		Modified Tender Qty						**426.24**	
		DPQ Paid in 1st Bill No.One Pg. No.						**0.00**	
		Present Bill Quantity						**425.28**	

23/3/19

NDP
AE(W7)
23/3

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer

Chainage		Description of Item	Unit	No	Length	Breadt	Depth	Quantity	Remark
From	To				(m)	(m)	(m)		
E1		**Providing and fixing 20cm thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centering shuttering reinforcement and bar bending machine mixed conrete laid in layer not exceeding 15cm thick well compacted cost of all materials labhour curing complete as per specification and as per the direction of Engineer in charge of the work.**							
		Shanimahatma Temple Front							
0	35		Sqm	58	2.00	0.60		70.00	
0	26		Sqm	43	2.80	0.60		72.80	
0	17.5		Sqm	29	3.00	0.60		52.50	
0	34		Sqm	56	3.00	0.60		102.00	
		Drain covering slabs							
		Drain from Amruthalli main							
0	30		Sqm	50	1.80	0.6		54.00	
30	60		Sqm	50	1.80	0.6		54.00	
60	90		Sqm	50	1.80	0.6		54.00	
90	120		Sqm	50	1.80	0.6		54.00	
120	150		Sqm	50	1.80	0.6		54.00	
150	180		Sqm	50	1.80	0.6		54.00	
180	200		Sqm	33	1.80	0.6		36.00	
		Total Executed Qty						**657.30**	
		Modified Tender Qty						**0.00**	
		DPQ Paid in 1st Bill No.One Pg. No.						**657.30**	
		Present Bill Quantity						**Nil**	

HUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC AssistantEngineer Assistant Executive Engineer